LABDEX

Benchtop High Temperature Drying Oven LX101DOA

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Description

Benchtop High-Temperature Drying Oven LX101DOA is a benchtop design, back heating, horizontal force convection with dynamic self-diagnostic technology. This technology helps prevent any failures or damage to the equipment and makes detection easy. Detailed purpose: glassware desiccation, laboratory sample, food, chemical material’s heat denaturalization, heat induration, heat inteneration, moisture eliminated, biomedical engineering instrument sterilization, electronic component’s Torrefaction and aging.

Specifications

Chamber volume	70 L
Control	PID microprocessor
Display	LED display
Convection method	Horizontal forced convection (Fan)
Temperature control range	Room temperature +10℃~400℃
Temperature accuracy	±1℃ at 100℃
Temperature fluctuation	±1.5℃
Temperature uniformity	±1.5℃ at 100℃
Timer	1min-99hr
Shelf size	390 x 370
Shelf quantity (std. /max.)	2/4 pcs
Power	1600W
Power supply	220V / 50Hz

Internal dimensions	400 x 400 x 450 mm
External dimensions	740 x 620 x 675 mm
Net weight	65 kg
Packing dimensions	890 x 760 x 820 mm
Gross weight	90 kg

Features

- (Internal material) 304 stainless steel working chamber and (external material) powder-coated steel housing
- LED display, soft touch, PID microprocessor
- Having stainless steel shelf with adjustable shelf
- Temperature controller with high-speed and high-performance CPU chip
- High-sensitivity and high precision PT100 as temperature sensor
- Preset programmed control with a timing range up to 99 hours for power-on, power-off and working
- Multiple alarms for sensor failure, high/low-temperature deviation, over temperature
- Can store the parameters memory
- Temperature display calibration and dynamic self-diagnostic, control technology

Applications

- Used in industry, mining, laboratories and scientific research for desiccation, Torre faction, wax-melting and sterilization.

Optional Accessories

- Independent temperature control and alarming system to provide dual protections and stop working in case of over-temperature

- Inert gas port
- Inert gas flow meter

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